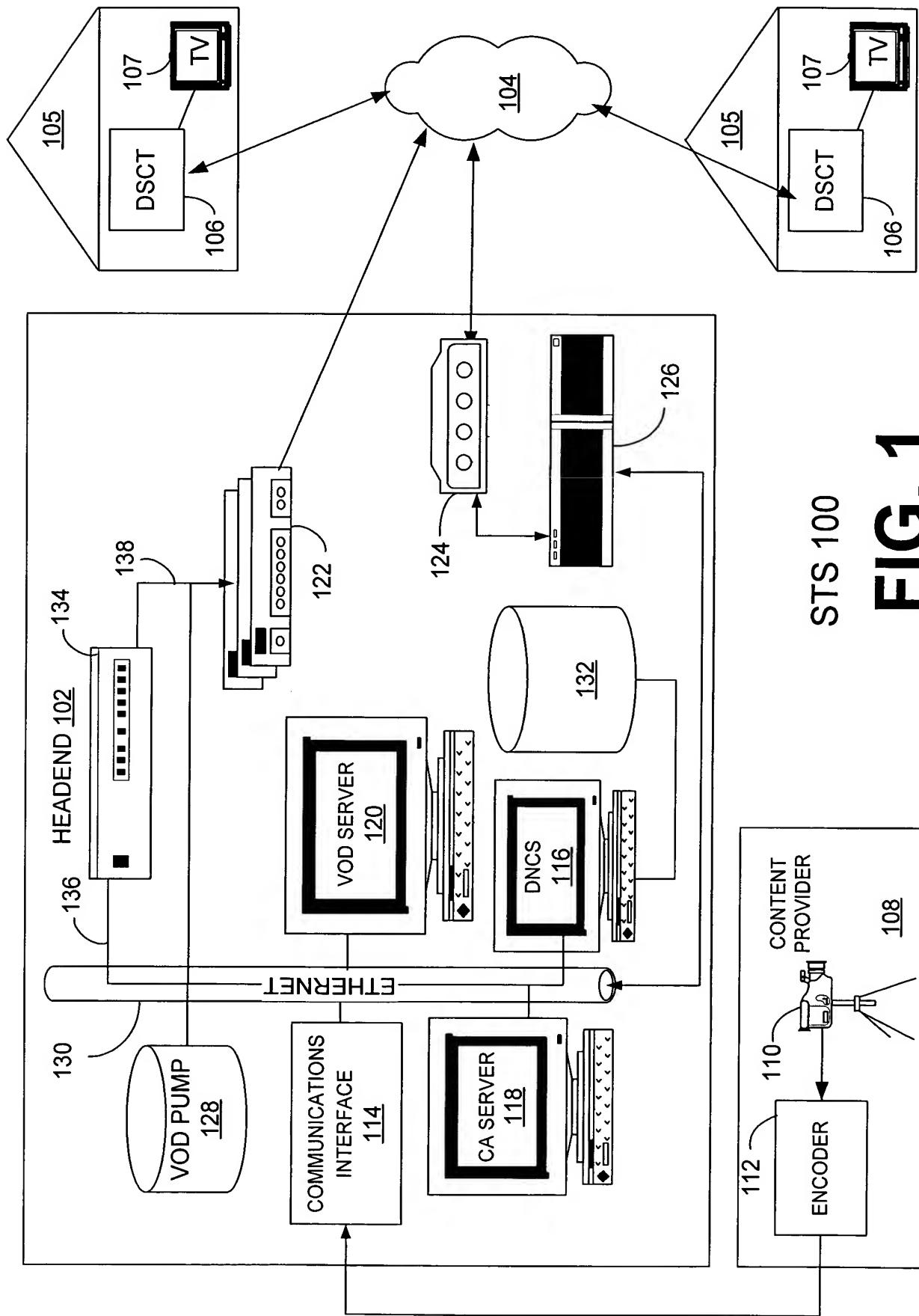


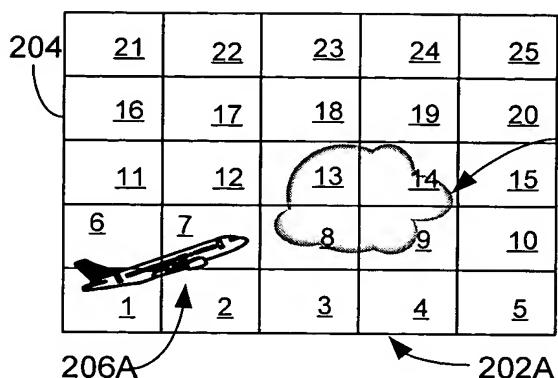
A Digital Stream Transcoder With A Hybrid-Rate Controller

Joel Schoenblum

Docket No.: A-9141

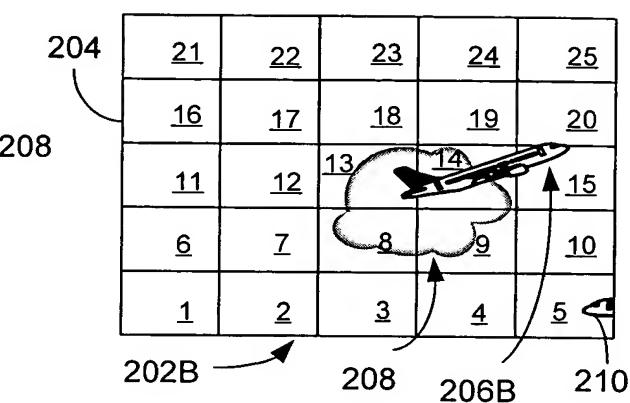
Page 1 of 13





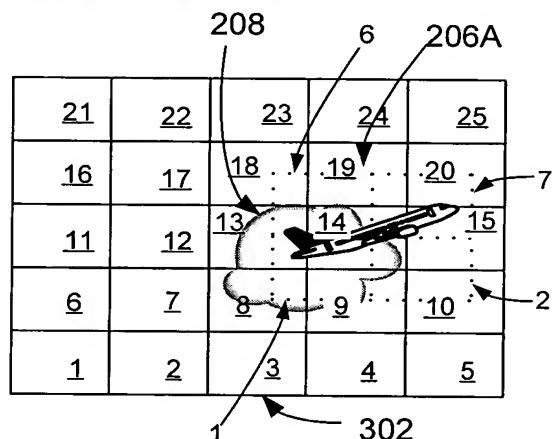
PRIOR ART

FIG. 2A



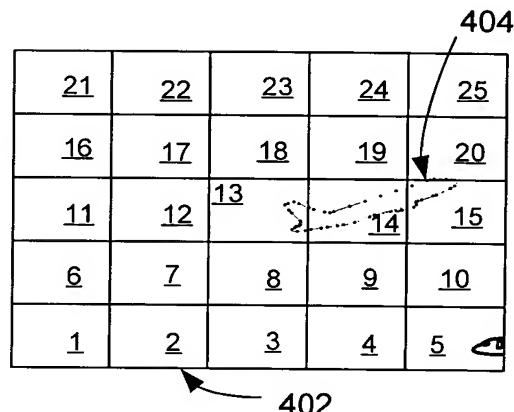
PRIOR ART

FIG. 2B



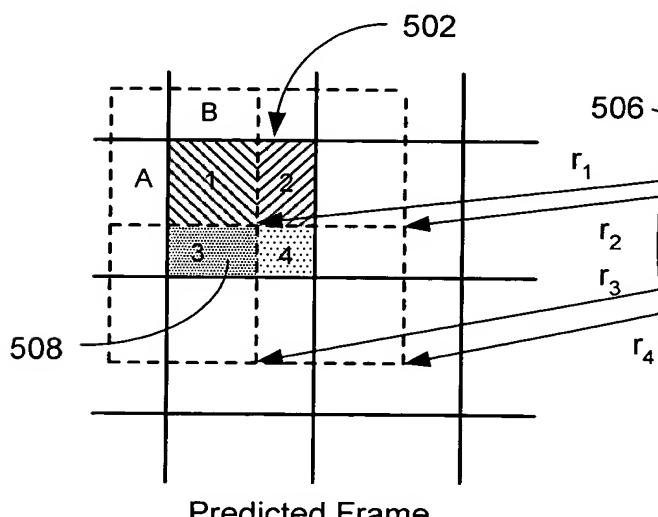
PRIOR ART

FIG. 3



PRIOR ART

FIG. 4



Predicted Frame

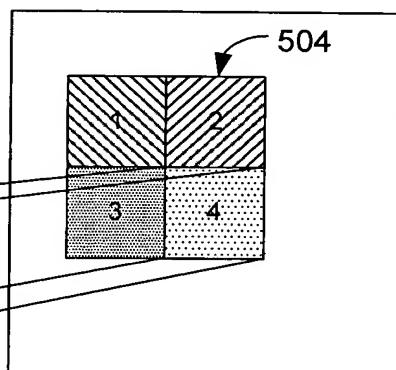
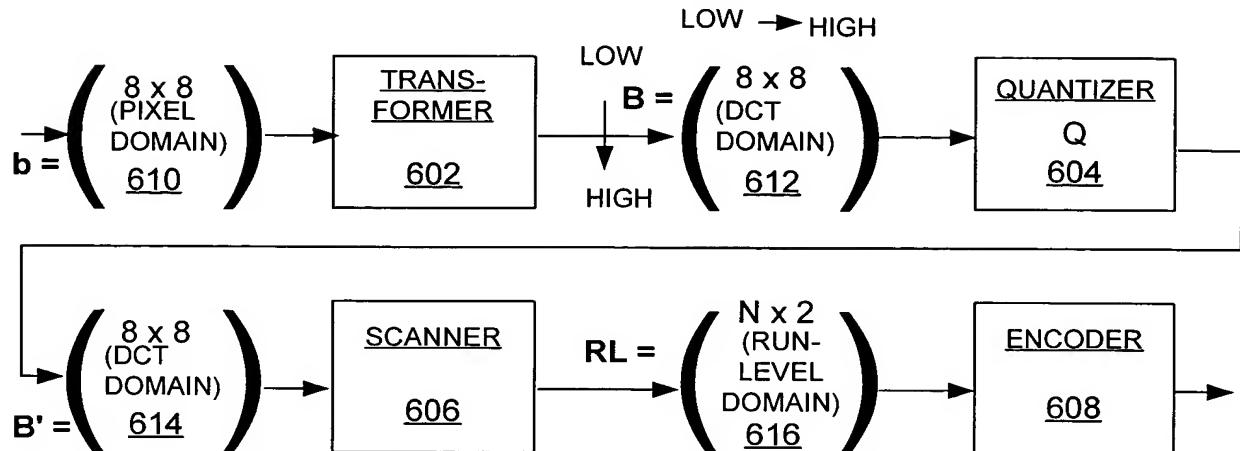
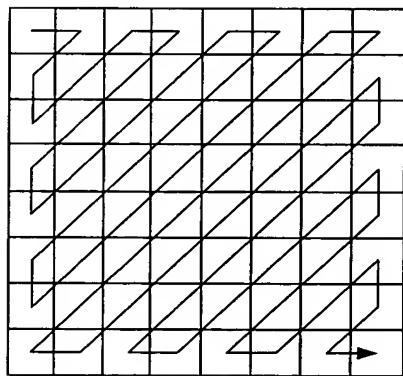


FIG. 5

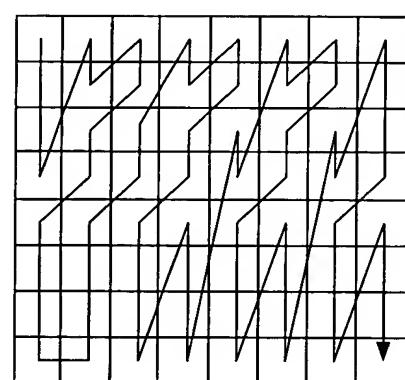


PRIOR ART

FIG. 6



PRIOR ART



PRIOR ART

FIG. 7A

FIG. 7B

a	0	0	c	0	0
b	0	d	g	0	
	0	0	0	0	
e	0	0			
f	h				
0					

PRIOR ART

FIG. 8A

r ₀ =0	₀ =a
r ₁ =1	₁ =b
r ₂ =3	₂ =c
r ₃ =0	₃ =d
r ₄ =1	₄ =e
r ₅ =0	₅ =f
r ₆ =2	₆ =g
r ₇ =5	₇ =h
r ₈ =0	₈ =0

PRIOR ART

FIG. 8B

r ₁ =1	₀ =a
r ₂ =3	₁ =b
r ₃ =0	₂ =c
r ₄ =1	₃ =d
r ₅ =0	₄ =e
r ₆ =2	₅ =f
r ₇ =5	₆ =g
r ₈ =0	₇ =h

PRIOR ART

FIG. 8C

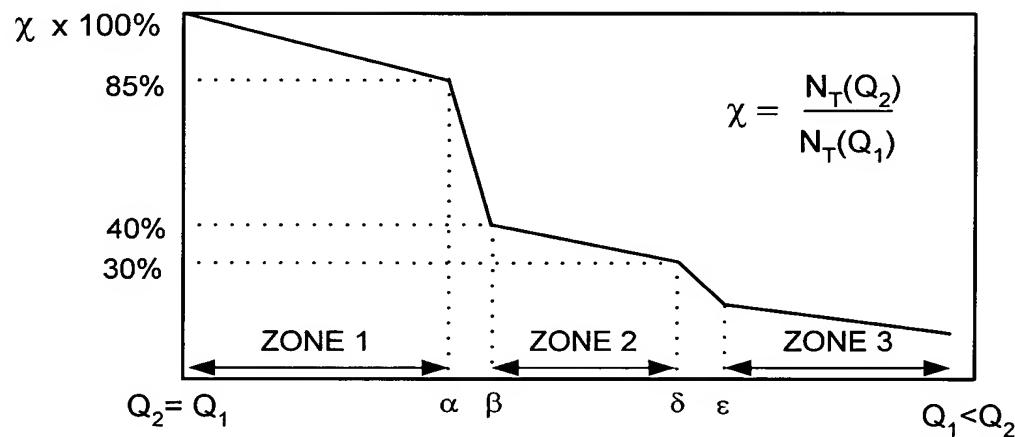


FIG. 10

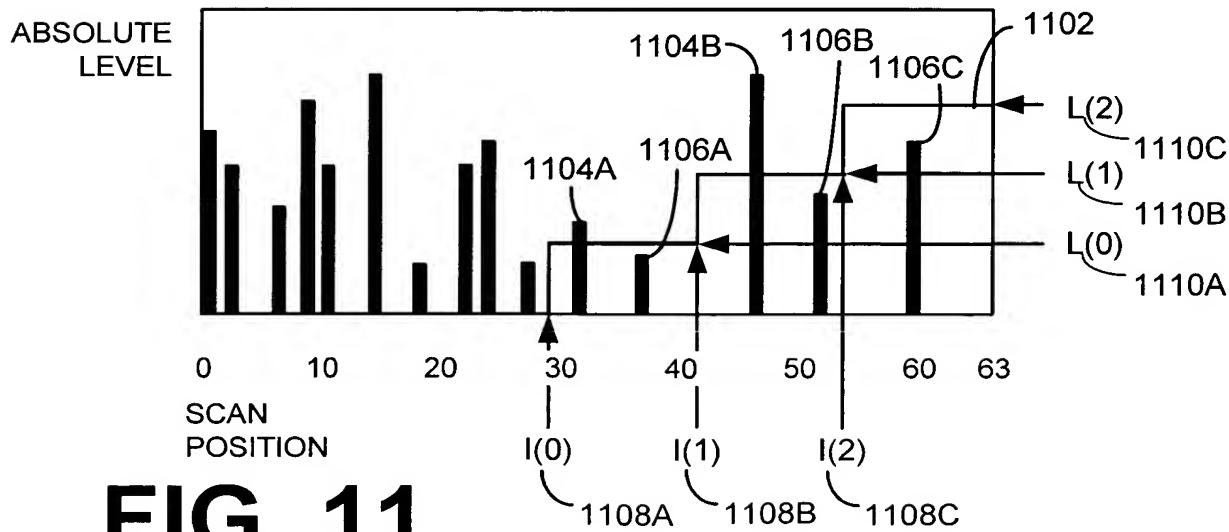


FIG. 11

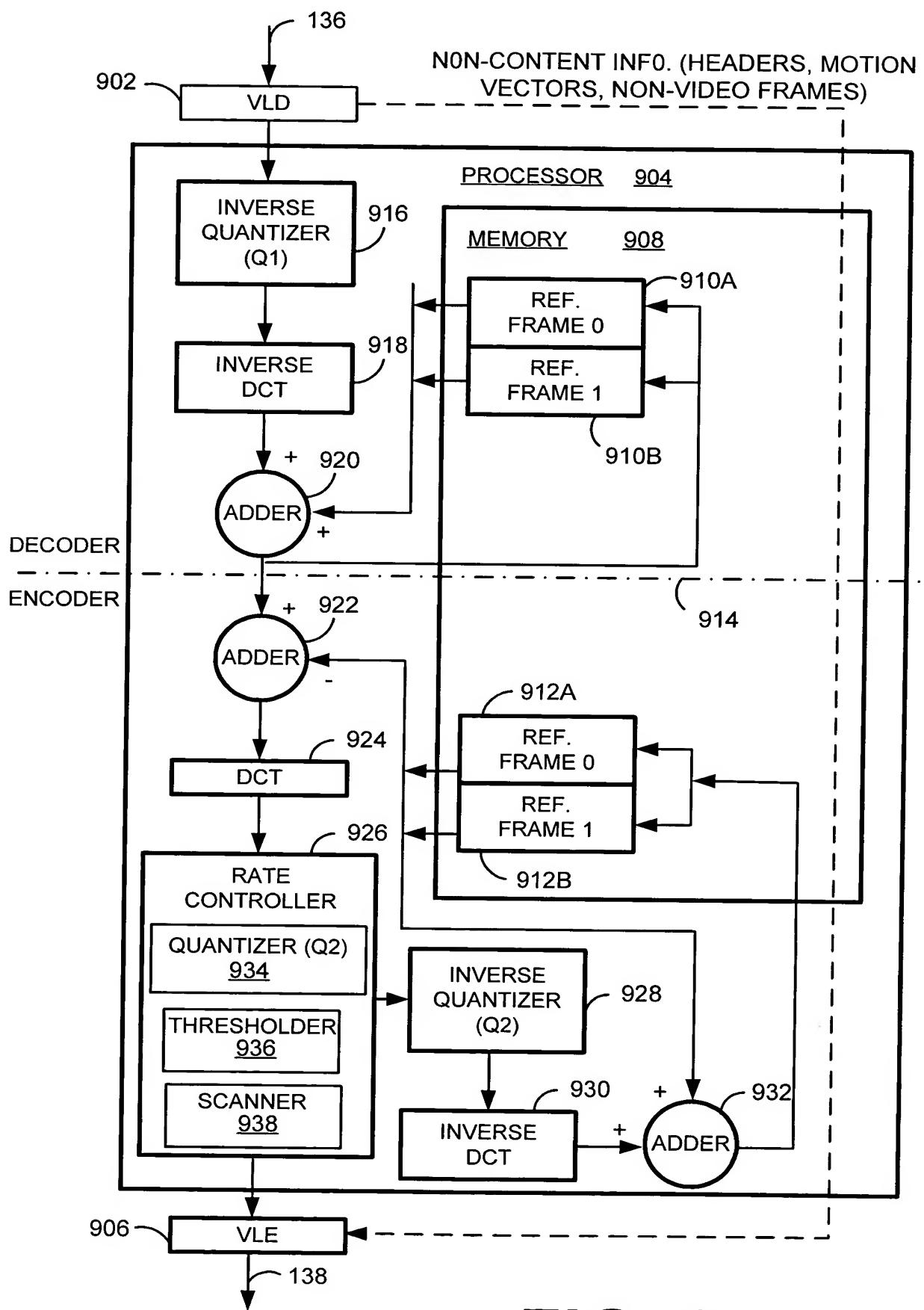


FIG. 9

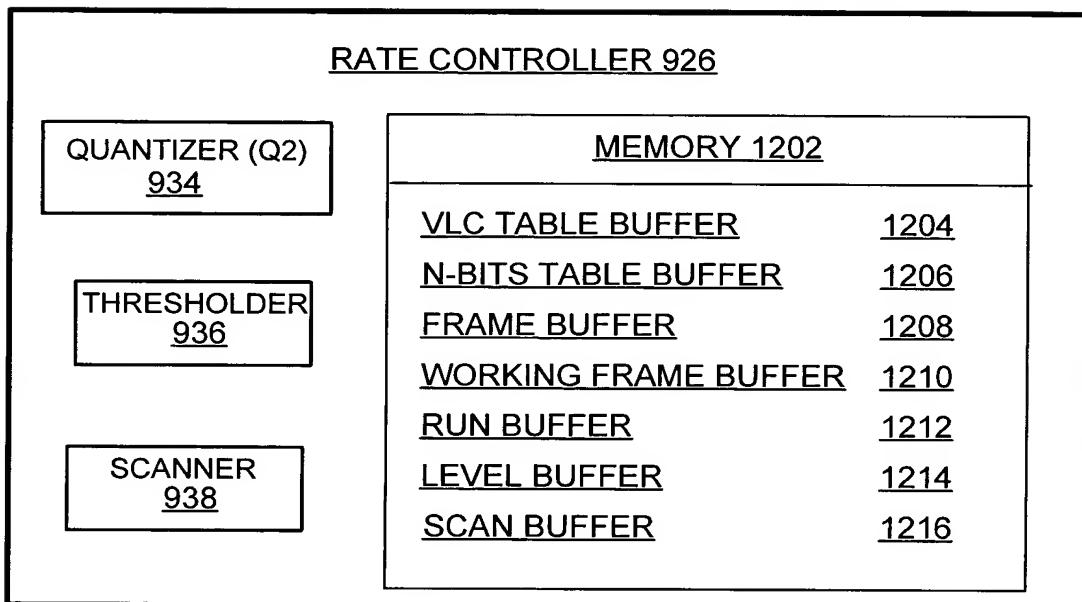


FIG. 12

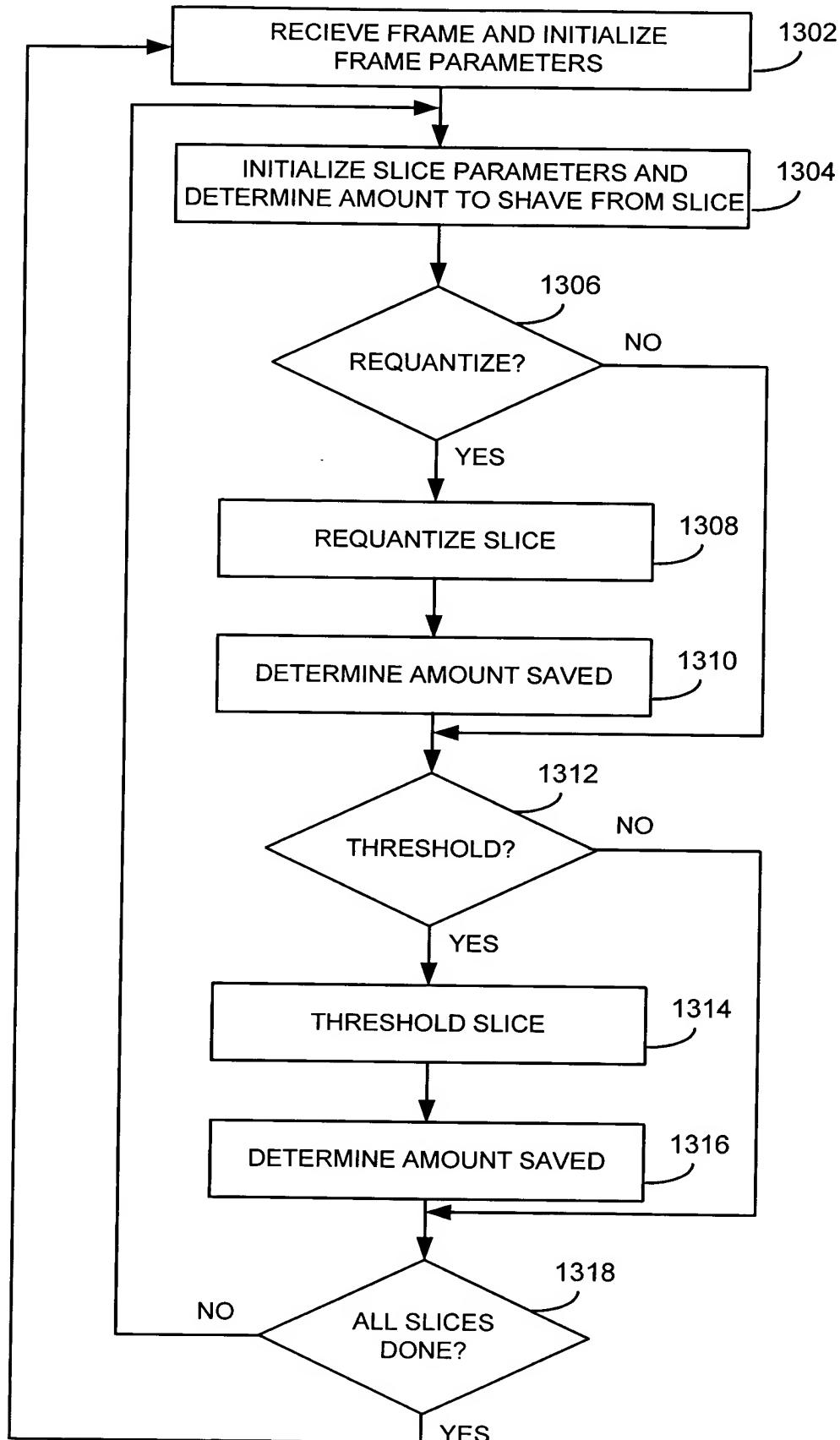


FIG. 13

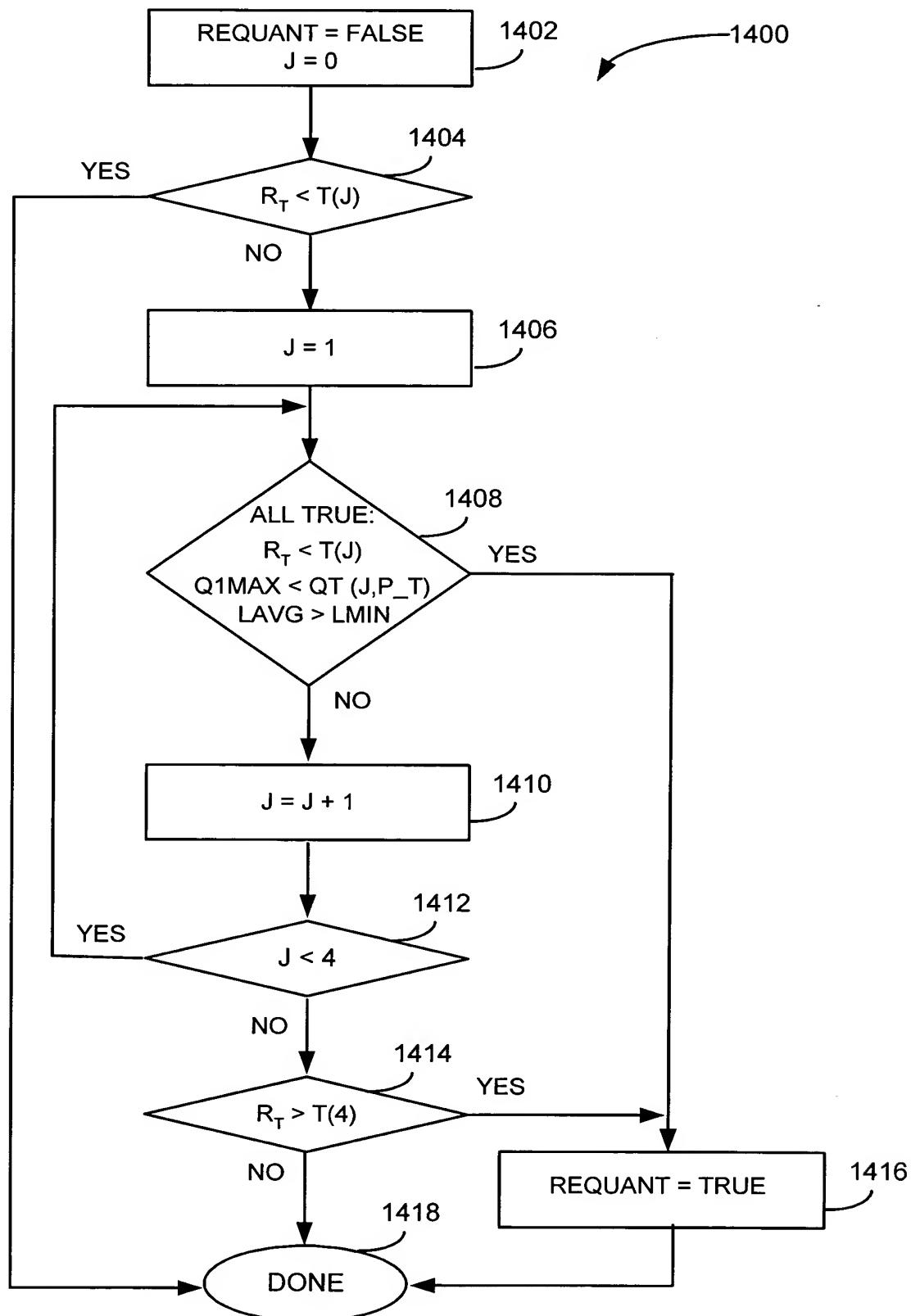


FIG. 14

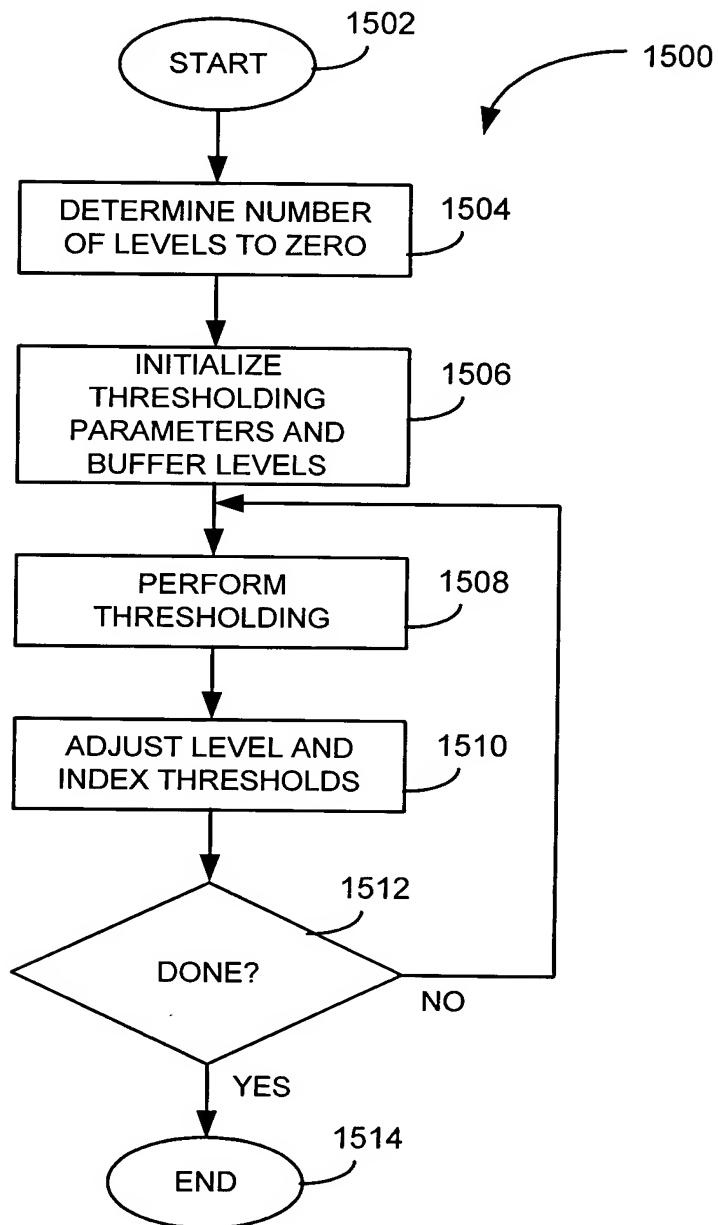


FIG. 15

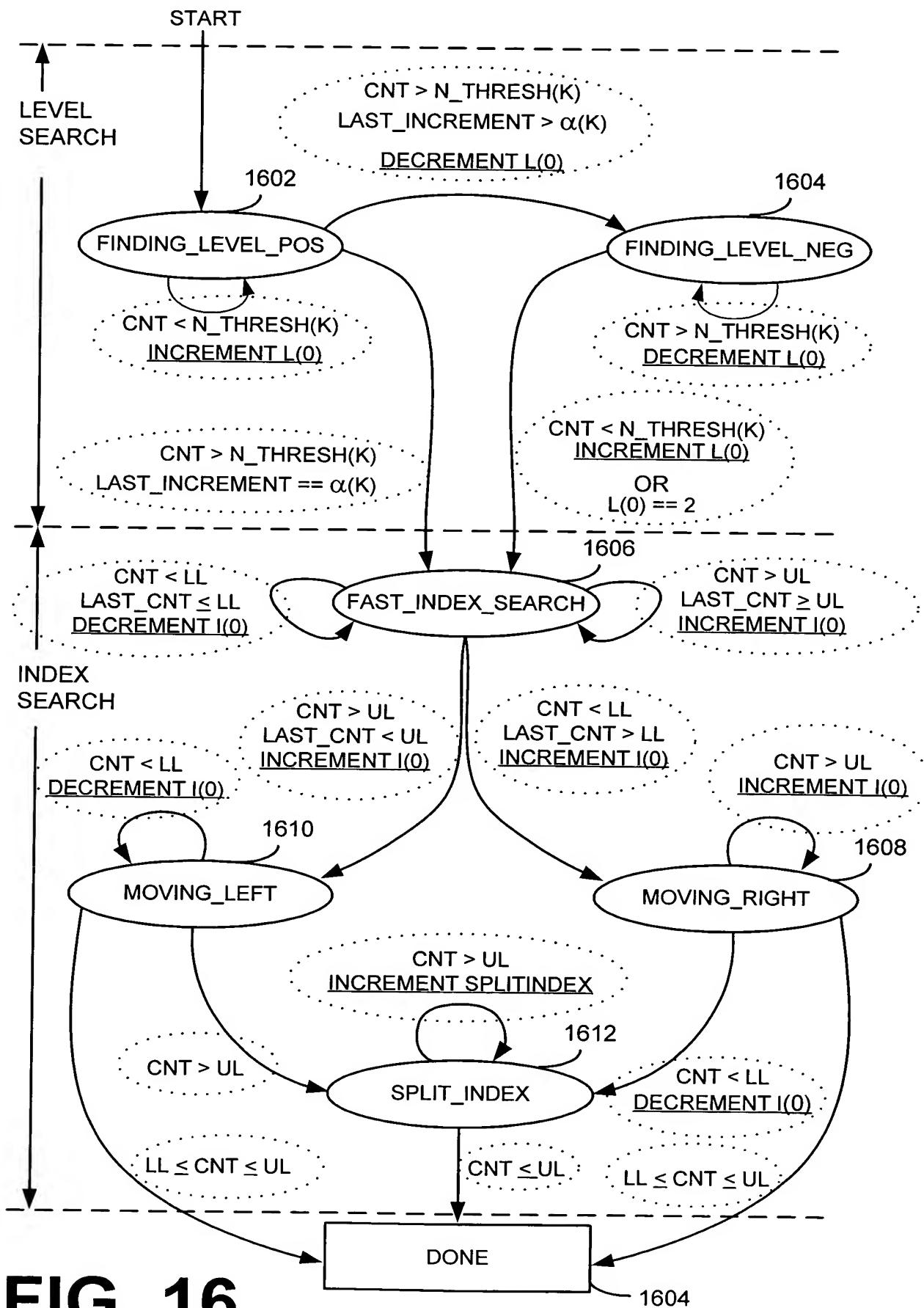


FIG. 16

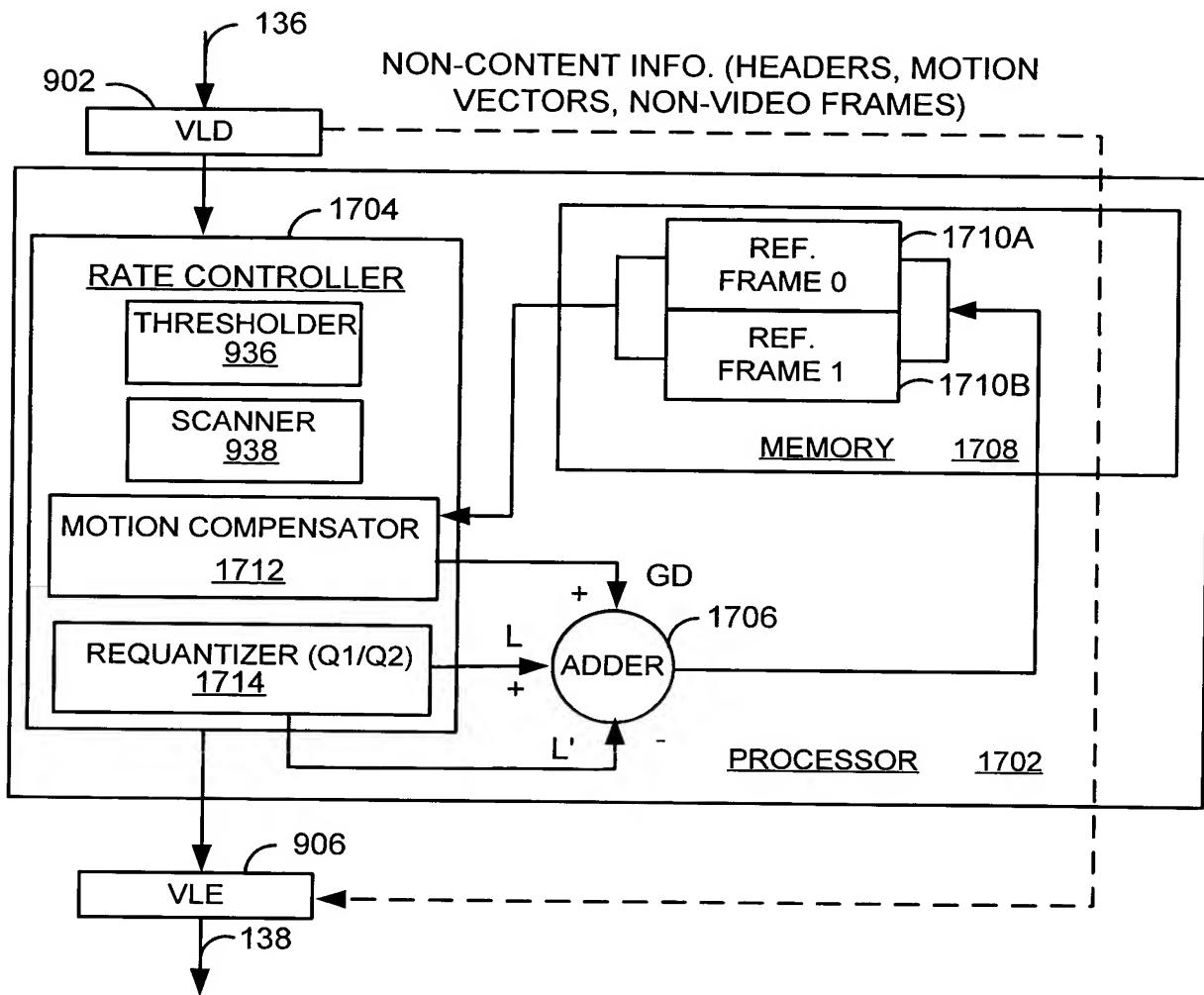


FIG. 17

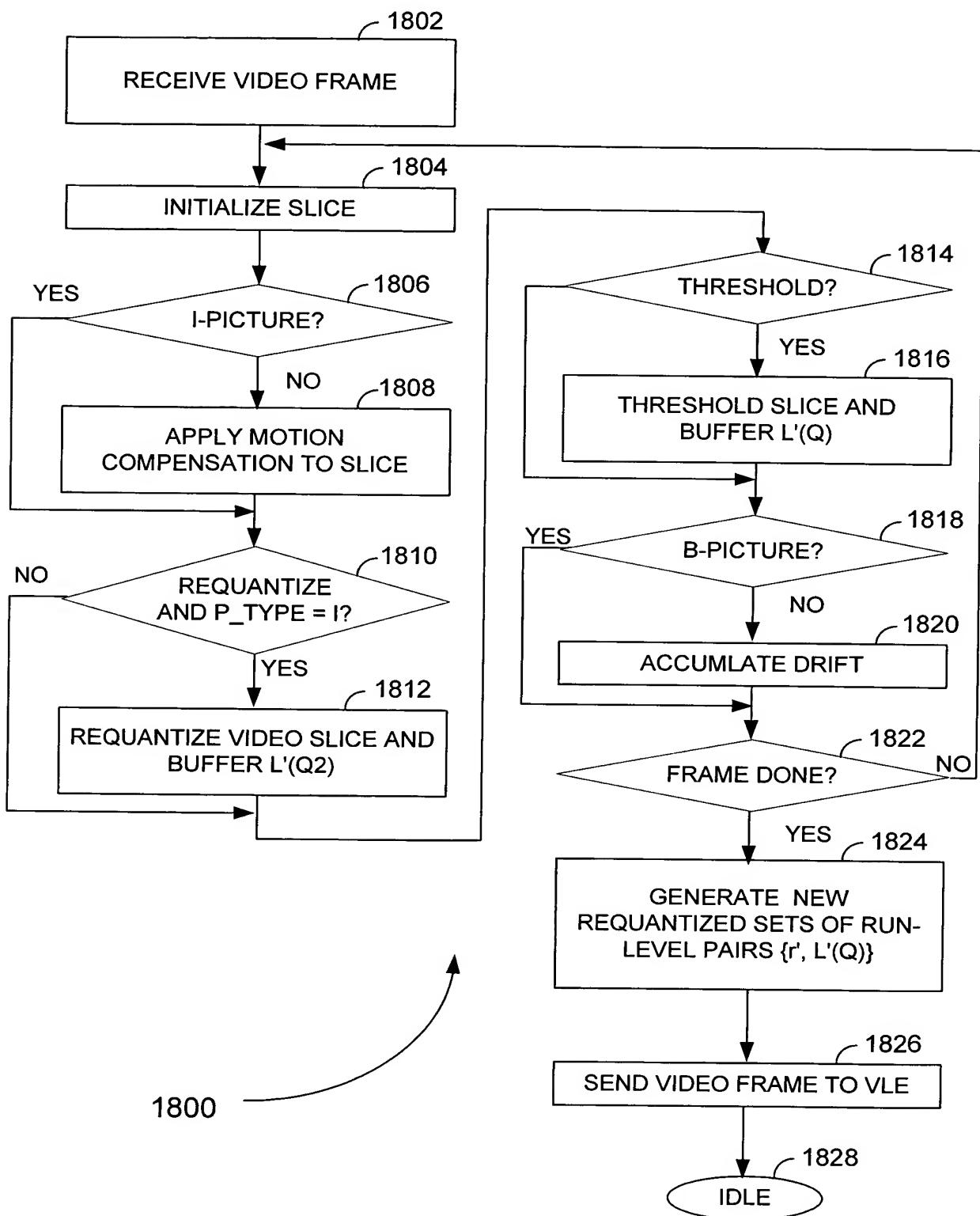


FIG. 18

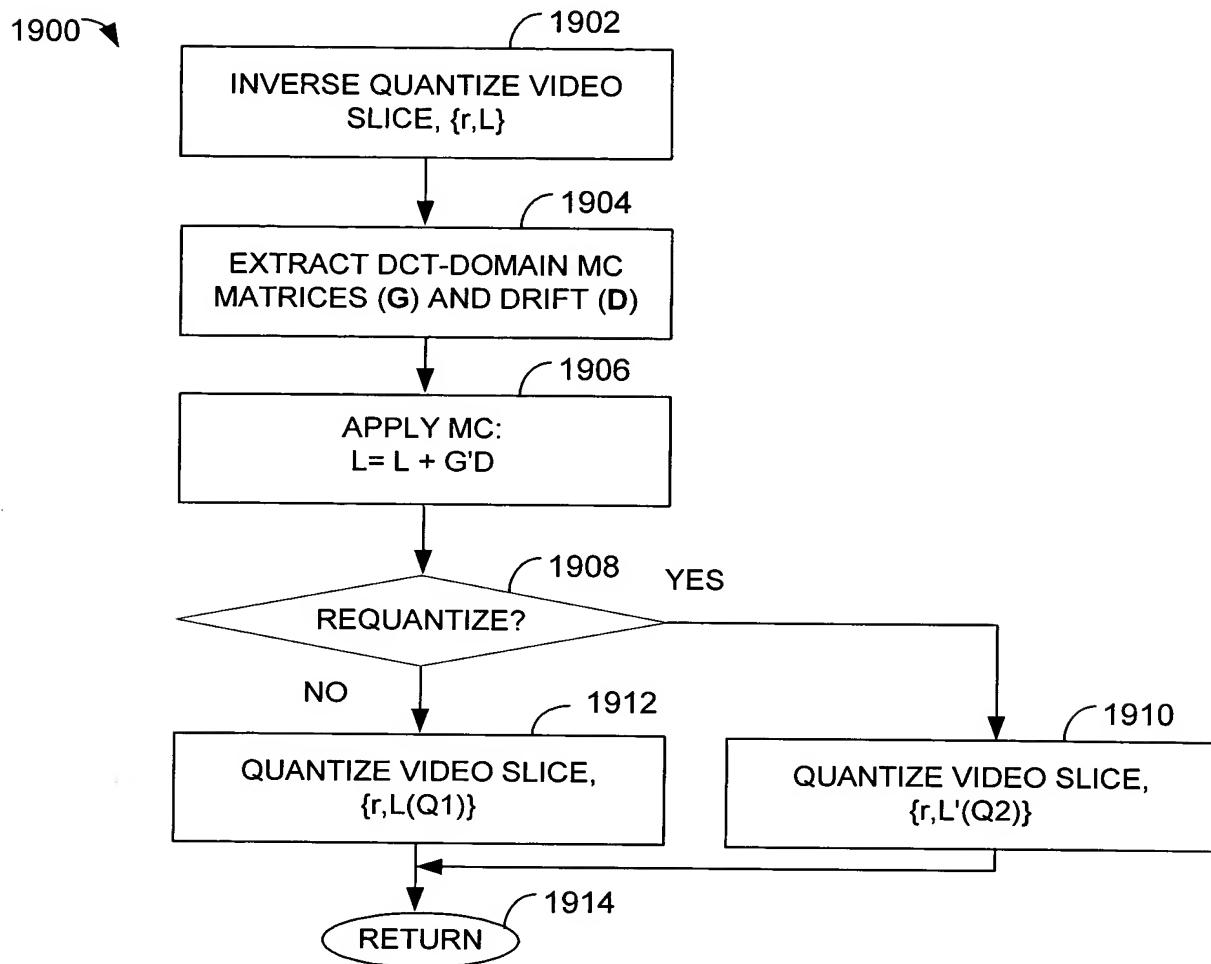


FIG. 19

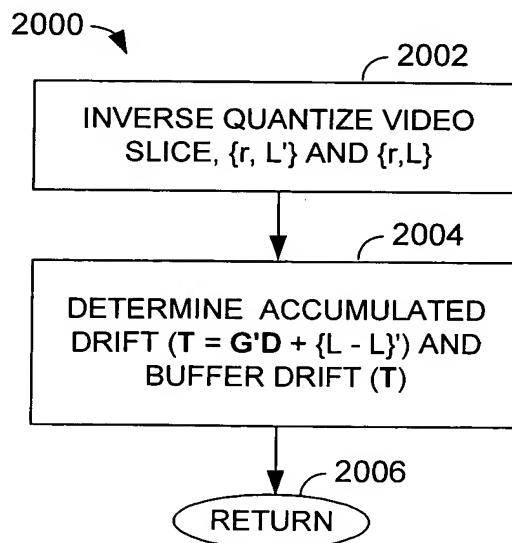


FIG. 20